

| L Number | Hits | Search Text   | DB              | Time stamp       |
|----------|------|---|-----------------|------------------|
| 1        | 2    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score  | USPAT; US-PGPUB | 2003/12/22 16:06 |
| 2        | 1    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score near acoustic\$4                                     | USPAT; US-PGPUB | 2003/12/22 16:06 |
| 3        | 2    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6  | USPAT; US-PGPUB | 2003/12/22 16:07 |
| 4        | 2    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4                           | USPAT; US-PGPUB | 2003/12/22 16:07 |
| 5        | 2    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4 and train\$4              | USPAT; US-PGPUB | 2003/12/22 16:08 |
| 6        | 1    | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4 and list same score and comput\$6 and divid\$4 and train\$4 and count\$4 | USPAT; US-PGPUB | 2003/12/22 16:08 |
| -        | 149  | Baum same Welch   | USPAT; US-PGPUB | 2003/12/19 10:12 |
| -        | 0    | Baum same Welch and ASR and language2   | USPAT; US-PGPUB | 2003/12/19 10:12 |
| -        | 11   | Baum same Welch and ASR   | USPAT; US-PGPUB | 2003/12/19 10:17 |
| -        | 9    | Baum same Welch and ASR and scor\$4   | USPAT; US-PGPUB | 2003/12/19 10:18 |
| -        | 0    | Baum same Welch and ASR and scor\$4 and model44   | USPAT; US-PGPUB | 2003/12/19 10:18 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4  | USPAT; US-PGPUB | 2003/12/19 10:19 |
| -        | 7    | Baum same Welch and ASR and scor\$4 and model\$4 and utter\$5   | USPAT; US-PGPUB | 2003/12/19 10:19 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4  | USPAT; US-PGPUB | 2003/12/19 10:20 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4   | USPAT; US-PGPUB | 2003/12/19 11:09 |
| -        | 4    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and count\$4  | USPAT; US-PGPUB | 2003/12/19 10:20 |
| -        | 1    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and triplet\$4  | USPAT; US-PGPUB | 2003/12/19 11:08 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4   | USPAT; US-PGPUB | 2003/12/19 11:09 |
| -        | 7    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and vector  | USPAT; US-PGPUB | 2003/12/19 11:10 |
| -        | 7    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and vector\$4   | USPAT; US-PGPUB | 2003/12/19 11:11 |
| -        | 6    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and list\$4   | USPAT; US-PGPUB | 2003/12/19 11:12 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5  | USPAT; US-PGPUB | 2003/12/19 11:12 |
| -        | 9    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4)                             | USPAT; US-PGPUB | 2003/12/19 11:13 |
| -        | 6    | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4                | USPAT; US-PGPUB | 2003/12/19 11:13 |

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|         | 9  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4)  | USPAT; US-PGPUB | 2003/12/19<br>11:14 |
|         | 6  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4   | USPAT; US-PGPUB | 2003/12/19<br>11:14 |
|         | 6  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4   | USPAT; US-PGPUB | 2003/12/19<br>11:15 |
|         | 4  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4   | USPAT; US-PGPUB | 2003/12/19<br>11:15 |
|         | 2  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4                              | USPAT; US-PGPUB | 2003/12/19<br>11:15 |
|         | 2  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4                              | USPAT; US-PGPUB | 2003/12/19<br>11:16 |
|         | 2  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and multipl\$5 and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 and utteranc\$4              | USPAT; US-PGPUB | 2003/12/19<br>11:48 |
|         | 2  | Baum same Welch and ASR and scor\$4 and model\$4 and acoustic\$4 and train\$4 and weight\$4 and (multipl\$5 or product) and (sum\$5 or add\$4) and divid\$4 and list\$4 and vector\$4 and count\$4 and utteranc\$4 | USPAT; US-PGPUB | 2003/12/19<br>11:48 |
|         | 24 | (sum\$5 or add\$4) same product and Baum same Welch  | USPAT; US-PGPUB | 2003/12/22<br>10:39 |
| 1097630 |    | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5   | USPAT; US-PGPUB | 2003/12/22<br>10:40 |
|         | 23 | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5   | USPAT; US-PGPUB | 2003/12/22<br>10:46 |
|         | 1  | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and ASR   | USPAT; US-PGPUB | 2003/12/22<br>10:45 |
|         | 0  | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4  | USPAT; US-PGPUB | 2003/12/22<br>10:46 |
|         | 5  | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4  | USPAT; US-PGPUB | 2003/12/22<br>10:47 |
|         | 5  | (sum\$5 or add\$4) same product and Baum same Welch and multipl\$5 and language same model\$4 and speech\$4  | USPAT; US-PGPUB | 2003/12/22<br>10:48 |
|         | 1  | 5625749.pn.  | USPAT; US-PGPUB | 2003/12/22<br>10:53 |
|         | 0  | 5625749.pn. and weight near vector\$4  | USPAT; US-PGPUB | 2003/12/22<br>10:59 |
|         | 0  | 5625749.pn. and weight same vector\$4  | USPAT; US-PGPUB | 2003/12/22<br>10:59 |
|         | 0  | 5625749.pn. and weight\$4 same vector\$4   | USPAT; US-PGPUB | 2003/12/22<br>11:00 |
| 183121  |    | 5625749.pn. and weight\$4 and vector vector\$4   | USPAT; US-PGPUB | 2003/12/22<br>11:00 |
|         | 1  | 5625749.pn. and weight\$4 and vector\$4  | USPAT; US-PGPUB | 2003/12/22<br>11:00 |
|         | 1  | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4   | USPAT; US-PGPUB | 2003/12/22<br>11:06 |
|         | 1  | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4  | USPAT; US-PGPUB | 2003/12/22<br>12:10 |

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| - | 0   | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4 and combin\$6 same scor\$4 | USPAT;<br>US-PGPUB | 2003/12/22<br>12:10 |
| - | 1   | 5625749.pn. and weight\$4 and vector\$4 and language same model\$4 and coefficient\$4 and scor\$4                | USPAT;<br>US-PGPUB | 2003/12/22<br>12:21 |
| - | 410 | more same language adj model   | USPAT;<br>US-PGPUB | 2003/12/22<br>12:21 |
| - | 2   | two near language adj model  | USPAT;<br>US-PGPUB | 2003/12/22<br>14:56 |
| - | 0   | "two or more" near language adj model  | USPAT;<br>US-PGPUB | 2003/12/22<br>12:23 |
| - | 0   | three near language adj model  | USPAT;<br>US-PGPUB | 2003/12/22<br>12:23 |
| - | 0   | two near language adj model and vector\$4  | USPAT;<br>US-PGPUB | 2003/12/22<br>14:56 |
| - | 2   | two near language adj model and weight\$4  | USPAT;<br>US-PGPUB | 2003/12/22<br>14:57 |
| - | 5   | two near language adj model\$4 and weight\$4 and language adj model\$4   | USPAT;<br>US-PGPUB | 2003/12/22<br>15:01 |
| - | 3   | two near language adj model\$4 and weight\$4 and language adj model\$4 and vector\$4                             | USPAT;<br>US-PGPUB | 2003/12/22<br>16:05 |